TECHNICAL BULLETIN
LTB00529NAS1
24 SEP 2014

NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

SECTION: 417-01

Tail Lamp Condensation

AFFECTED VEHICLE RANGE:

LR4 (LA)
Model Year: 2010 Onwards
VIN: AA510742 Onwards

Range Rover Sport (LS)
Model Year: 2010-2013
VIN: AA212147-DA814822

Range Rover (LM)
Model Year: 2010-2012
VIN: AA302697-CA393639

MARKETS:

NAS

CONDITION SUMMARY:

Situation: The tail lamps may exhibit condensation or 'misting' which will not easily clear.

Cause: This may be caused by the design of the tail lamp assembly allowing moisture to settle on the inside of the lamp lens.

NOTE: Normal condensation is a natural process. Range Rover tail lamp assemblies are vented to alleviate changes in pressure through a breather vent. Atmospheric air contains water vapor referred to as humidity. When this air enters the tail lamp assembly under any circumstance, there is a possibility that if the temperature is cold enough that condensation may occur. When normal condensation occurs, a thin film of mist can form on the inside surface of the plastic lens. The thin mist will clear and exit through the vents during normal lamp operation.

NOTE: During a period of normal tail and fog lamp operation (approximately 30 minutes), the condensation should dissipate as the lamp heats up. However, if considerable water droplets still remain on the inside of the lamp lens after the 30 minutes of operation or there is evidence of standing water within the lamp assembly, the lamp assembly should be renewed.

Action: Should a customer express this concern, follow the Service Instruction outlined below.

PARTS:

LR032097	Tail lamp - RH - NAS - LR4 (L319)	Quantity: 1
LR032132	Tail lamp - LH - NAS - LR4 (L319)	Quantity: 1
LR032099	Tail lamp - RH - NAS - Range Rover Sport (L320)	Quantity: 1
LR032134	Tail lamp - LH - NAS - Range Rover Sport (L320)	Quantity: 1

LR031756	Tail lamp - RH - NAS - Range Rover (L322)	Quantity: 1
LR031758	Tail lamp - LH - NAS - Range Rover (L322)	Quantity: 1

TOOLS:

Refer to Workshop Manual for any required special tools.

WARRANTY:

NOTE: Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to TOPIx to obtain the latest repair time.

NOTE: DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Tail lamp assembly - One - Renew - LR4 (L319)	**86.40.70**	0.10	49	LR014002
Tail lamp assembly - Pair - Renew - LR4 (L319)	**86.40.76**	0.20	49	LR014002
Tail lamp assembly - One - Renew - Range Rover Sport (L320)	**86.40.70**	0.10	49	LR015297
Tail lamp assembly - Pair - Renew - Range Rover Sport (L320)	**86.40.76**	0.20	49	LR015297
Tail lamp assembly - One - Renew - Range Rover (L322)	**86.40.70**	0.10	49	LR010774
Tail lamp assembly - Pair - Renew - Range Rover (L322)	**86.40.76**	0.20	49	LR010774

NOTE: Normal Warranty policies and procedures apply.

SERVICE INSTRUCTION:

1. **NOTE: Normal condensation is a natural process. Range Rover tail lamp assemblies are vented to alleviate changes in pressure through a breather vent. Atmospheric air contains water vapor referred to as humidity. When this air enters the tail lamp assembly under any circumstance, there is a possibility that if the temperature is cold enough that condensation may occur. When normal condensation occurs, a thin film of mist can form on the inside surface of the plastic lens. The thin mist will clear and exit through the vents during normal lamp operation.**

   NOTE: During a period of normal tail and fog lamp operation (approximately 30 minutes), the condensation should dissipate as the lamp heats up. However, if considerable water droplets still remain on the inside of the lamp lens after the 30 minutes of operation or there is evidence of standing water within the lamp assembly, the lamp assembly should be renewed.

   Install a new tail lamp assembly(ies) (see TOPIx Workshop Manual, Section 417-01).